SUNCOMM

X75

5G-A Outdoor Access Point

Overview

High speed 5G connection
Supports 5G Sub-6G frequency band, with a theoretical download speed of up to 7.1Gbps and upload speed of 1.25Gbps, compatible with SA/NSA dual-mode networking.
Simultaneously covering 4G LTE Cat19 and WCDMA networks, ensuring smooth transition in areas without 5G signals.

Industrial grade durable design
IP67 waterproof and dustproof rating, suitable for extreme temperatures from -40 °C to+50°C, external high gain full band antenna (5G/4G), stronger signal coverage.
Supports wall mounted/pole mounted installation, suitable for complex outdoor environments.

Efficient hardware configuration
Equipped with Qualcomm SDX75 chip, supporting 4x4 MIMO technology, enhancing the concurrent capability of multiple devices.
Supports dual SIM cards.
Provide 2.5G PoE powered Ethernet ports to simplify wiring and meet enterprise level high bandwidth requirements.

Typical application scenarios
Smart Industry: Provide low latency 5G private network connections for factory AGVs and robots to ensure equipment collaboration stability.
Commercial complex: deployed in shopping centers and parks to meet the network demand under high-density passenger flow.
Home broadband: Replace traditional fiber to the home with 5G to achieve fast deployment and high-speed internet experience.

Features

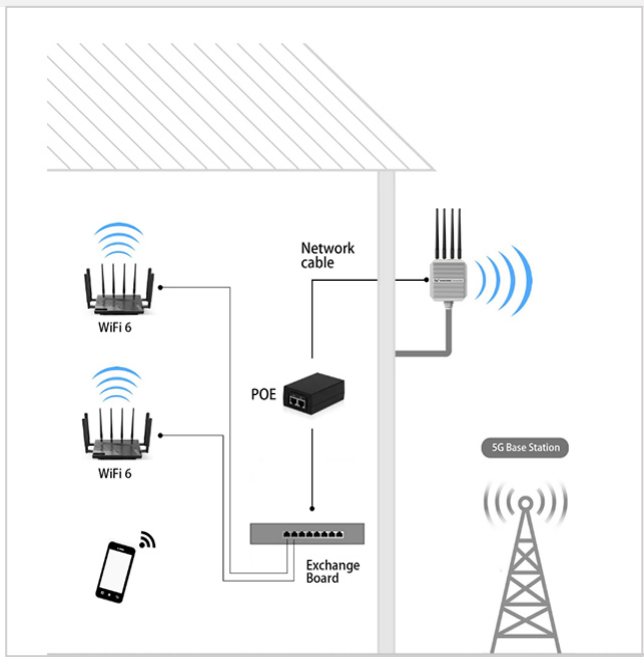Qualcomm™SDX75 Modem

POE 48V/1A
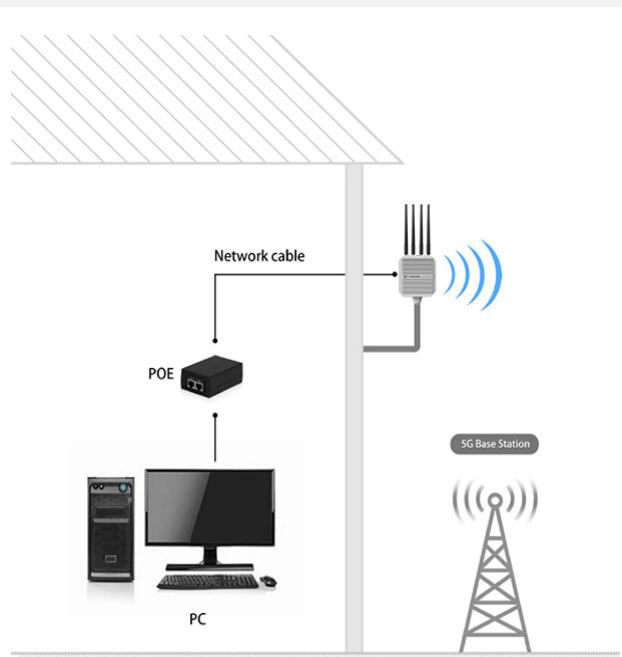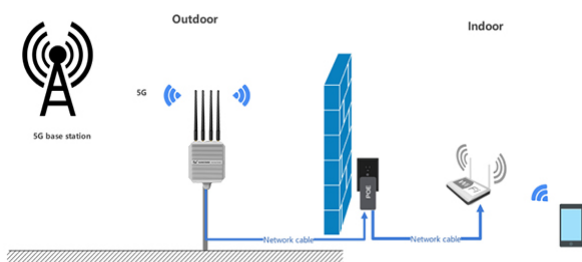2.5 Gigabit Port

Dual nano SIM card slot
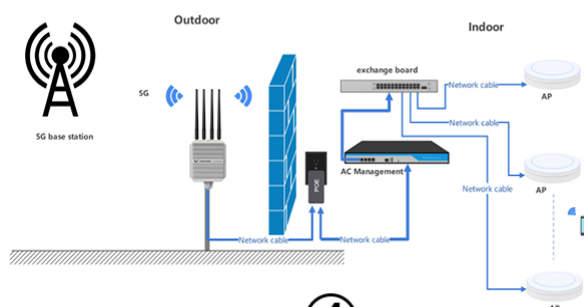

Waterproof IP67

Connection Diagram

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Appearance

Application scenarios

Smart Farm

Mining site

Home Network

Smart Factory

Technical Specifications

Model	X75
5G Module	RM551E-GL
5G/4G Data Rate	5G SA Sub-6：DL: 7.01 Gbps; UL: 1.25 Gbps 5G NSA Sub-6：DL: 5.47 Gbps; UL: 730 Mbps 4G LTE：DL: 2 Gbps; UL: 211 Mbps WCDMA：DL: 42 Mbps; UL: 5.76 Mbps
5G Frequency Bands	5G NR NSA/SA Sub-6: N1/N2/N3/N5/N7/N8/N12/N13/N14/N18/N20/N25/N26/N29/N30/N34/N38/N39/N40/N41/N46 /N53/N66/N67/N68/N70/N71/N75/N76/N77/N78/N79/N90/N91/N91/N92/N93/N94
4G Frequency	Downlink Cat 19 Uplink Cat 18 LTE FDD: N1/N2/N3/N4/N5/N7/N8/N12/N13/N14/N17/N18/N19/N20/N25/N26/N28/N29/N30/N32/N66/ N70/N71/N75/N76 LTE TDD: B34/B38/B39/B40/B41/B48/B46/B53 WCDMA B1/B2/B3/B4/B5/B6/B8/B9/B19
Interface	1×1000M/2500Mbps LAN 1 Reset Button 2 SIM card slot
LED Indicator	Link power,RF Signal,SIM Signal,SYS Signal
Power Consumption	<24W(POE 48V/1A)
Environment	Operating Temperature:-20℃ ~ +50℃ Storage Temperature:-40℃ ~ +70℃ Humidity: 5% ~ 95%(Non condensation)

Packaging accessories

- One (1) 5G CPE Router

- One(1) 1m Cat6 Ethernet cable

- One(1) PoE Power Adapter

- Quick Start Guide

- Fixed Bracket